

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU03/00362

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: E02F 9/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC: E02F 9/28/IC

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPAT: ('ground engaging tool' or tooth or teeth) and (attach+ or connect+)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/12642 A1 (SHARK ABRASION SYSTEMS PTY LD) 14 February 2002	9-11
Y	See whole document	1-8
	See, in particular, figs. 12-15 and claims 1-8	
X,Y	US 6,240,663 B1 (ROBINSON) 5 June 2001	1, 2, 6-8
	See, in particular, figs. 3 & 4, and col.5 lines 42-59	
X	US 6,209,238 B1 (RUVANG) 3 April 2001	1, 2, 6-8
	See, in particular, Summary of the Invention (col. 2 line 5 to col. 3 line 60), Figs.1-3, 11 & 12, col. 6 lines 5-14, col. 6 lines 32-52, and col. 7 lines 11-18	

☐ Further documents are listed in the continuation of Box C ☒ See patent family annex

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| <p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> | <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p> |
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Date of the actual completion of the international search
9 April 2003

Date of mailing of the international search report

16 APR 2003

Name and mailing address of the ISA/AU

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Box I Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos :
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos :
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos :
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a)

Box II Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. An attachment system as claimed in claims 1-8 comprising a clamping member, including a resilient portion, such that the supply of force to the resilient portion acts to restrain movement of the second member relative to the lug. This arrangement is considered to comprise a first "special technical feature".

[continued in Supplemental Box]

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims
2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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Supplemental Box

(To be used when the space in any of Boxes I to VI/II is not sufficient)

Continuation of Box No: II

2. An attachment member as claimed in claims 9-11 comprising a clamping member disposed between the lug and a stabilising member such that the supply of pressure acts to restrain movement of the second member relative to the lug. This arrangement is considered to comprise a second "special technical feature".

As the two above-mentioned groups of claims do not share either of the identified special technical features, a technical relationship as defined in PCT rule 13.2 does not exist. Accordingly the international application does not relate to one invention or to a single inventive concept.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member	
WO	02/12642	AU	77401/01
US	6240663		NONE
US	6209238		NONE
END OF ANNEX			